

From the INTERNATIONAL BUREAU

PCT

NOTIFICATION CONCERNING
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APPLICATION AS PUBLISHED OR REPUBLISHED

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IMPORTANT NOTICE

International application No.
PCT/US2005/010102

International filing date (*day/month/year*)
28 March 2005 (28.03.2005)

Priority date (*day/month/year*)
31 March 2004 (31.03.2004)

Applicant

HYCLONE LABORATORIES, INC. et al

The International Bureau transmits herewith the following documents:

☒ copy of the international application as published by the International Bureau on 20 October 2005 (20.10.2005) under
No. WO 2005/097620

☐ copy of international application as republished by the International Bureau on under
No. WO

For an explanation as to the reason for this republication of the international application, reference is made to INID codes (15), (48)
or (88) (*as the case may be*) on the front page of the attached document.

The International Bureau of WIPO
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1211 Geneva 20, Switzerland

Authorized officer

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Facsimile No.+41 22 740 14 35

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/10102

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : B65D 81/00,33/00,33/02,33/36; A61B 19/00; A61M 1/00; B01L 3/00

US CL : 422/44,102,104; 604/403,405,406,408,410; 600/573,680; 210/645, 257.1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 422/44,102,104; 604/403,405,406,408,410; 600/573,680

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2003/0144646 A1 (SE et al) 31 July 2003 (31.07.2003) entire document	1-20
Y	EP 0267560 A1 (SLEE SEMICONDUCTOR-TECHNIK GMBH) 07 November 1987 (07.11.1987); entire document	1-20
Y	US 5431599 A(GENCO) 11 July 1995 (11.07.1995); entire document	1-20

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"G" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search	Date of mailing of the international search report
06 July 2005 (06.07.2005)	19 JUL 2005
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230	Authorized officer Krishnan S. Menon Telephone No. 571-272-1700

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/10102

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:
Please See Continuation Sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 1-20

Remark on Protest

☐
☐

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US05/10102

BOX III. OBSERVATIONS WHERE UNITY OF INVENTION IS LACKING

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1. In order for all inventions to be examined, the appropriate additional examination fees must be paid.

Group I, claim(s) 1-20, drawn to mobile filtration facility.

Group II, claim(s) 21-39, drawn to method of filtering liquid from mammalian blood.

Group III, claim(s) 40-45, drawn to disposable pooling bag.

Group IV, claim(s) 46-51, drawn to method of pooling solutions.

The inventions listed as Groups I-IV do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons:

The special technical feature of claim 1 or 40, disposable pooling bag assembly, which is shown by the prior art US 2003/0144646 A1, an X reference, to lack novelty or inventive step and thus does not define a contribution over the prior art.